

# 110th Technical Conference and Equipment Exhibit

October 3-8, Queen Elizabeth Hotel, Montreal

## Technical Papers Program Plans From:

**Leslie H. Holmes**, Program Chairman, Canadian Broadcasting Corp., P.O. Box 8478, Ottawa, Ont., K1G 3J5, Canada

Author Forms for the 110th Program are now available from your Chairman or from SMPTE Headquarters, Att: 110th Conference Program. The deadline for these forms and two-page synopses is **June 7**.

## Plans for Two-Day Symposium From:

**Stanley F. Quinn**, Symposium Chairman, Canadian Broadcasting Corp. 7925 Cote St. Luc Rd., Montreal 267, P.Q., Canada  
Subject of the Symposium is

### Cassettes, Cartridges and Discs - Film and Tape

Arrangements for the Conference are being completed by Conference Vice-President **Harry Teitelbaum** and Arrangements Chairman **Harold Greenberg**, with assistance by **Tex Rekert** serving as Vice-Chairman.

**R. E. Putman**, Editorial Vice-President, is responsible for SMPTE Technical Conference Papers Programs. The two-day Symposiums result from recommendations and planning by the Society's Affairs Vice-Presidents, with appointment of the Chairman and general coordination with the overall program by Editorial Vice-President Putman.

## Equipment Exhibit Plans From:

**Jean Louis Vandette**, Chairman, Canadian Broadcasting Corp., 7925 Cote St. Luc Rd., Montreal 267, P.Q., Canada  
**H. Patrick Dickey**, Associate Chairman, Anglophoto Ltd., 160 Graveline St., Montreal 9, P.Q., Canada

These appointments have been made by Conference Vice-President Teitelbaum. The roster of the Arrangements Chair-



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men who will help Harold Greenberg and Tex Rekert will be published next month.

## International Papers

Consistent with other recent Conferences held in Canada it is expected that there will be numerous contributions from abroad. International Papers Committee Chairmen have already been canvassed by **Leonard F. Coleman**, Eastman Kodak Co., MP & EM Div., 6300 Cedar Springs Rd., Dallas, TX 75235.

Prospective authors for papers from abroad are advised to request information from SMPTE Headquarters, Att: 110th Conference Program, with the assurance that if writing in a language other than English will facilitate matters, then the correspondence can be expedited at Society Headquarters by SMPTE Conference Technical Programs Coordinator, Pablo Weinschenk-Taberbero.

## New Sustaining Members

**Academy of Motion Picture Arts and Sciences**, 9038 Melrose Ave., Hollywood, Calif. 90069 (213) 278-8990

The Academy is an honorary, non-profit organization of more than 3,600 members, founded in 1927 to advance the arts and sciences in film-making; foster cooperation among creative leaders for cultural, educational and technological progress; recognize outstanding achievements; cooperate on technical research and improvement of methods and equipment; provide a common forum and meeting ground for various branches and crafts; represent the viewpoint of the actual creators of the motion picture and foster educational activities. While only one of many projects carried out on a year-round basis, the annual Academy Awards Presentation is undoubtedly the best-known of all Academy activities. It has been held every year since the organization was founded, with the aims of raising the standard of motion-picture production educationally, culturally and technically and dignifying the film medium. The Academy's Margaret Herrick Library is regarded as one of the most complete collections in the world of technical and historical information; it contains more than 5,000 books and periodicals about production, personnel, cast and technical credits, reviews, photographs and other pertinent information about every motion picture made in this country since 1915. It is open to the public.

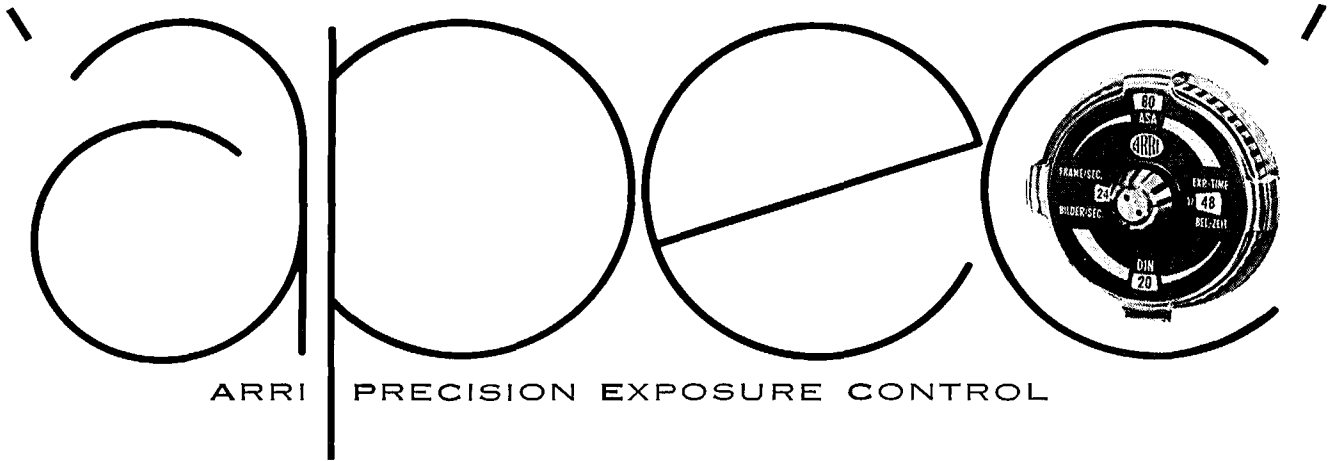
To encourage and stimulate further progress by craftsmen within the motion-picture industry and provide incentive, knowledge and support to persons preparing themselves to enter the film medium, the Academy conducts a number of educational activities, such as its scholarship program to aid and encourage students studying motion-picture crafts and researchers in developing technical innovations in universities and colleges and its sponsorship of films dealing with various techniques of filmmaking. The modern, 1,000-seat Academy Award Theatre is one of the best-equipped in the world.

Address inquiries to: *the address above*.

**Carter Equipment Co., Inc.**, 232 S. Glasgow Ave., Inglewood, CA 90301 (213) 677-6117

Formed specifically to solve the unique problems and satisfy the particular needs of professional motion-picture film laboratories, Carter Equipment Co., Inc., currently counts among its customers many industrial and educational organizations as well. Offering manufacturing, modifications and sales representation services pointed at increasing the level of technology in film processing, Carter Equipment Co., Inc., manufactures such items as "total immersion wet printers" (both optical and contact), additive lamp houses, (manual valves), printing machine air vacuum squeegees, footage/notch counters and displays, printing machine photometers, soundtrack applicators, automatic rewinds, various elec-

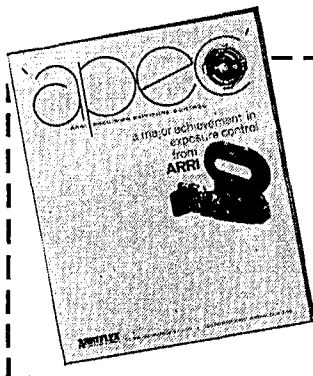
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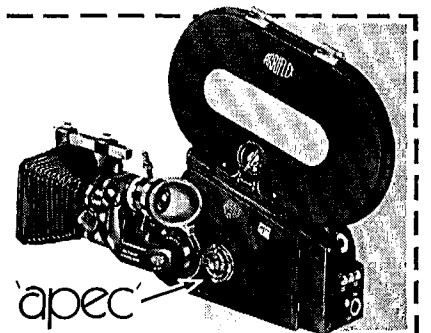
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tronic power supplies and control devices and numerous other products of operational value to motion-picture laboratories. Coupled with its own product line, Carter Equipment Co., Inc., distributes other items such as: Automatic Lumen Output Control systems, (ALOC), current sensing alarms, computerized tape punch systems, xenon projection systems, electronic timing devices, silver recovery and pollution abatement systems, Turcite bushings and bearings, processing squeegees, tape splicers, etc. In addition to new equipment, Carter Equipment Co., Inc., deals in, and performs special design and modification work to both new and used pieces of motion-picture equipment, i.e., wet printing modifications, format changes for super 8, etc.

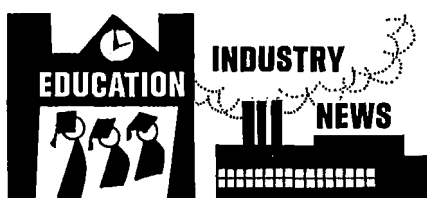
Address inquiries to: *the address above.*

**Alan Gordon Enterprises Inc.,** 5362 N. Cahuenga Blvd., North Hollywood, CA 91601 (213) 985-5500

Alan Gordon Enterprises, Inc., operating from a six-plant complex in North Hollywood, California, plus a center-of-Hollywood facility, is the world's leading source for every need in the motion-picture, aerial photo, photo instrumentation, microfilm and audio-

visual fields. The company provides services in sales, rentals, maintenance, design, manufacture, modification and repair. Representing the equipment of every major photo manufacturer, AGE Inc. maintains the most complete inventory of motion-picture and allied equipment spare parts in the world. Since its founding in 1946, Alan Gordon Enterprises has been responsible for dozens of innovations and advancements in motion-picture, aerial photo and photo instrumentation systems and is a prime designer and engineer for the U.S. Army, Navy and Air Force and Allied governments. In addition, the company is a specialized manufacturer and supplier of photographic components and assemblies for industry and governments as well as prime and subcontractor to other major manufacturers. AGE Inc. performs the world's largest general maintenance, modification and rebuilding of all makes and types of motion-picture, aerial photo and photo instrumentation equipment and accessories. All AGE Inc. plants are operated under U.S. Government Quality Control to Military Specifications with the same high standards applying to all equipment.

Address inquiries to: *the address above.*



**The CMX 600**, a new instant image access system that allows either videotape or film to be edited electronically with ease and a high level of artistic flexibility, has been developed by CMX Systems, a CBS/Memorex company, 635 Vaqueros Ave., Sunnyvale, CA 94086. The new system utilizes special video signal processing techniques to store discrete video frames on computer disc packs. CMX 600 consists of an editing console containing two side-by-side monitors and an audio speaker. The editor controls the instant image access with a light-pen, which he merely touches to the monitor to direct and edit. Also included, and usually located separately from the editing studio, are a control console housing the video signal processing circuitry, minicomputer and power supplies, and from one to 12 specially modified computer disc drives.

Shooting videotape for CMX editing requires only the prerecording of the newly standardized SMPTE Frame Code on the cue track. The code is solely for use by the minicomputer. Film editing is on a frame and footage basis, also handled by minicomputer. As the good takes are unloaded into the CMX600 system, the scene codes are entered into the minicomputer memory. The editor is not concerned with the frame code but only with his annotated script. The righthand monitor is interactive by light-pen command. During editing all of the editor's instructions are stored by the minicomputer on a frame code basis. At the completion of the editing process, these are transferred to digital tape which serves as the instruction to automatically produce the finished air tape. For film negative cutting, the minicomputer prints out a complete instruction list in English and frame numbers.

The system will be described in a one-hour lecture on April 30th during the two-day Symposium on Motion-Picture and

Vidiotape Production Techniques at the Society's Technical Conference. The authors are William H. Butler, General Manager of CMX Systems, and Joseph A. Flaherty, Jr., General Manager, Engineering and Development, Columbia Broadcasting System.

**The New York University School of Continuing Education**, 2 University Place, New York, NY 10003, will hold a conference on video cassettes May 12-13. Sessions will cover the nature of the new medium; its production, economics and distribution, programing for business and education, and copyright, proprietary and union problems.

**The National Industrial Television Assn.** will hold its first 1971 General Meeting May 22-23 in New York. The meeting will include panel discussions, workshops and seminars. Further information is available from National Television Assn., P.O. Box 262, Maplewood, NJ 07040.

**The University of Southern California, Div. of Cinema**, University Park, Los Angeles, CA 90007, has announced that the special summer program in cinema for seniors and graduate students (*Journal*, p. 46, January 1971) will be held June 21 through July 30 and not June 27 through Aug. 7 as previously announced. The program will consist of a seminar in motion-picture business, a film workshop and a course on the history of motion pictures.

**The gift of the Mervyn LeRoy-Sol Lesser collections** of historic motion-picture devices and memorabilia to the University of Southern California was celebrated on Feb. 28 by a reception sponsored by USC's Division of Cinema and Friends of the Libraries. The collections include early examples of the "magic lantern" projectors, professional and amateur motion-picture cameras and home projection devices. Other items relate to the long and distinguished careers of Mr. Lesser and Mr. LeRoy, including Academy Award Oscars won by them, still photos, scripts from their files and other items.

Mr. Lesser began his career in 1907 as an operator of motion-picture theaters in San Francisco. He was a co-founder of the Motion Picture Producers Assn. He won an

Academy Award in 1951 for his production of *Kon Tiki*. In 1961 he received the Jean Hersholt Humanitarian Award. Since 1968 he has been an adjunct professor in USC's Department of Cinema. Mr. LeRoy began as a child actor and his career as director and producer started in 1928 with the First National Studio production, *No Place To Go*. In 1945 he won an Academy Award for *The House I Live In*, a film he produced with Frank Ross.

**Rensselaer Polytechnic Institute**, Troy, NY 12181, is offering a course in Color Technology for Management (July 8-9) and Advanced Color Measurement (July 19-23) in addition to the course on Principles of Color Technology (July 12-16) (*Journal*, p. 122, Feb. 1971). Color Technology for Management is designed to aid executives responsible for research, production or sales of colored products. Advanced Color Measurement is a laboratory course limited to 12 students. Qualifications are two or more years experience in instrumental color measurement or a shorter period of experience plus completion of the course on Principles of Color Technology or an equivalent course. All three courses are under the direction of Fred W. Billmeyer, Jr., Professor of Analytical Chemistry.

**The 25th annual Calvin Workshop** was held Feb. 1-3 in Kansas City, Mo. One of the speakers was Frank Havlicek, Manager of Program Material for Motorola Teleprogram Center, 4501 W. Augusta Blvd., Chicago, IL 60651, who told an audience of several hundred audio-visual executives that EVR and other cassette television systems would expand opportunities for producers. "Producers still create programing on film or videotape which will be transferred to cassettes; the difference will be in marketing and distribution," he said. Motorola Systems manufactures and markets the EVR Teleplayer under license from CBS Laboratories. Mr. Havlicek said that Motorola is interested in working with producers in creating original films relating to educational, industrial and governmental markets.

**Medikinale Marburg 71**, an exhibition of medical films, will be held July 1-4 at Marburg, Germany. Sponsors are the